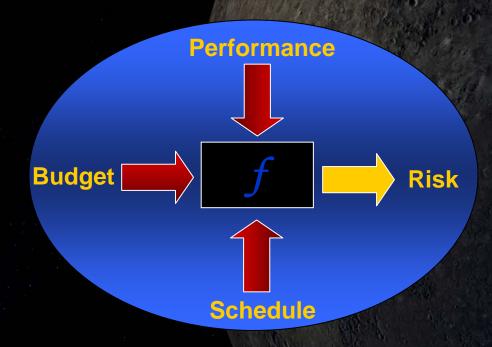


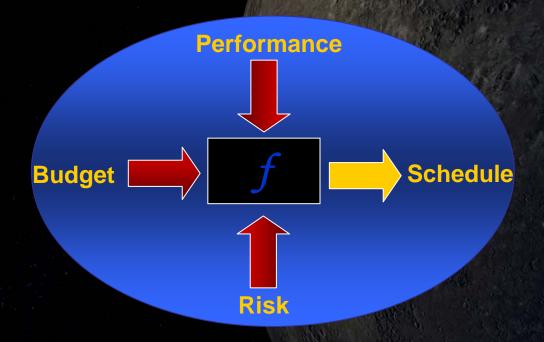


Project View of Risk (Typical)





Project View of Risk (Post Columbian)





Planning for Risk

		[1] (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	
p(x _i)	Risk (x _i)	Consequence c(x _i)	p(x _i)c(x _i)
0.35	Electronic Parts Problem	6 mos. Schedule slip on critical path (\$30M)	\$10.5
0.7	Test Failures	3 mos. Schedule slip (\$15M)	\$10.5
0.25	Partner Issues	Cost overrun (\$5M)	\$1.2
0.15	Inadequate Cost Estimates	Cost overrun (\$123M)	\$18.5
		TOTAL	\$40.7

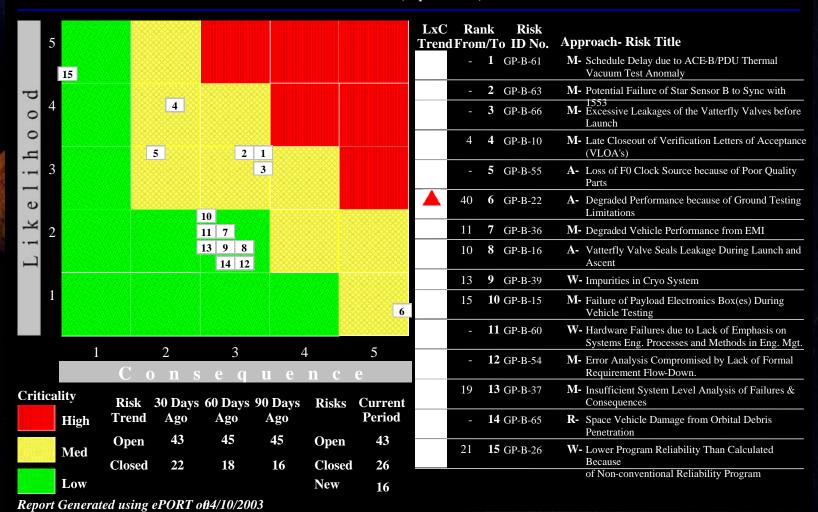
Reserve = $\Sigma p(x_i)c(x_i)$



Managing Risk

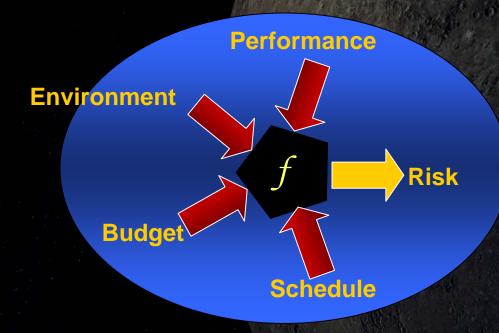
GP-B 5x5 Risk Summary From 10/11/2002 to 04/10/2003

(Top 15 Risks)





4th Dimension of Risk



Spectrum of Environmental Influences on Risk

Political/Budget

Policy

Strategy

Architecture

Culture

Functional



Political/Budgetary Influence on Risk

Political/Budget

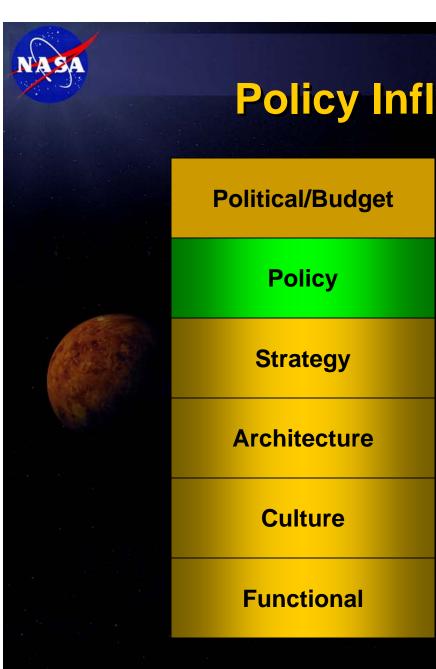
Policy

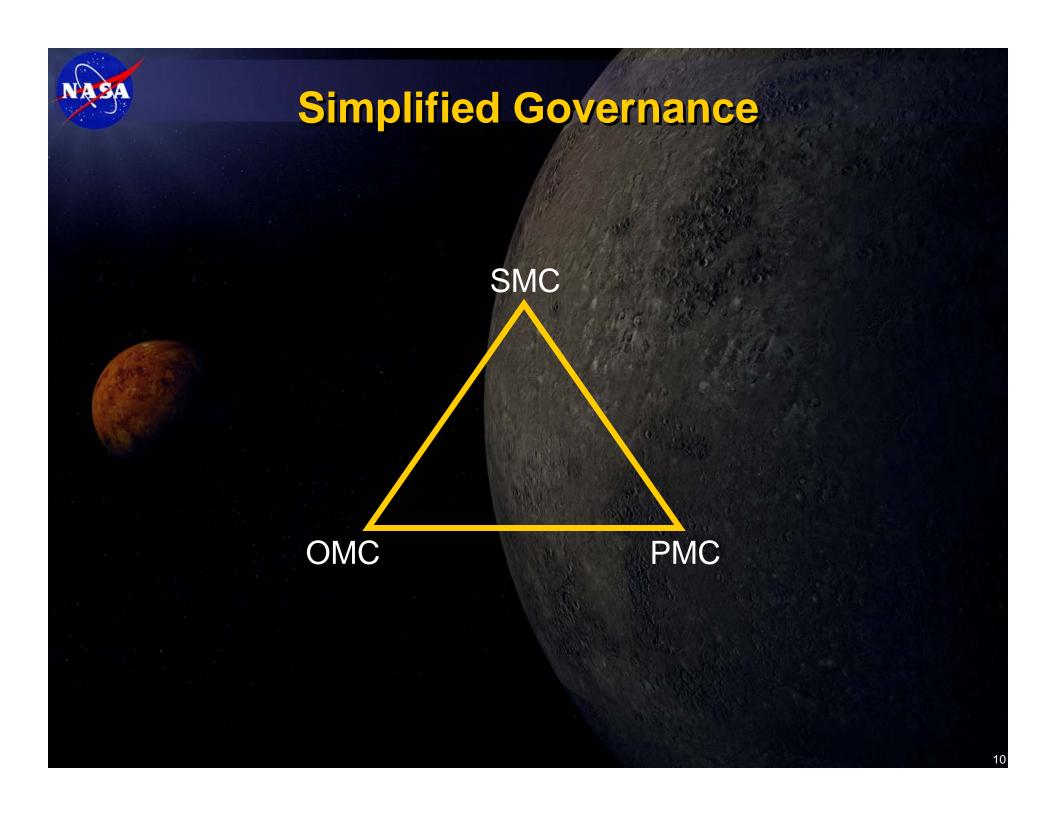
Strategy

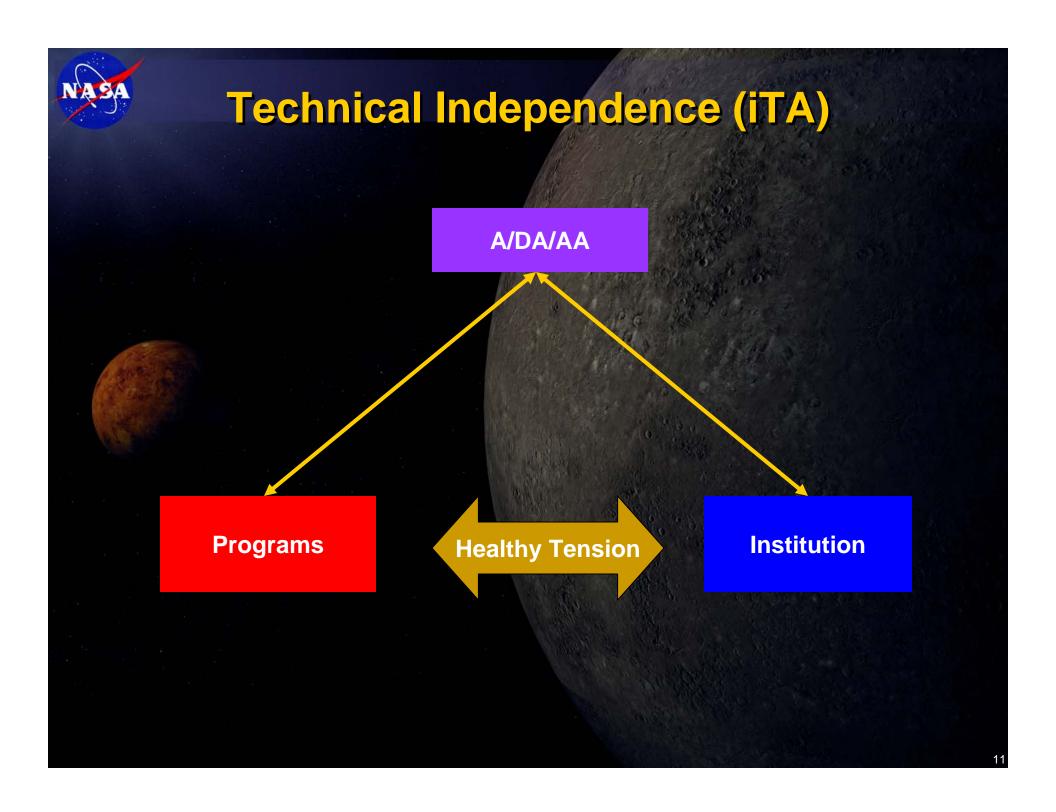
Architecture

Culture

Functional

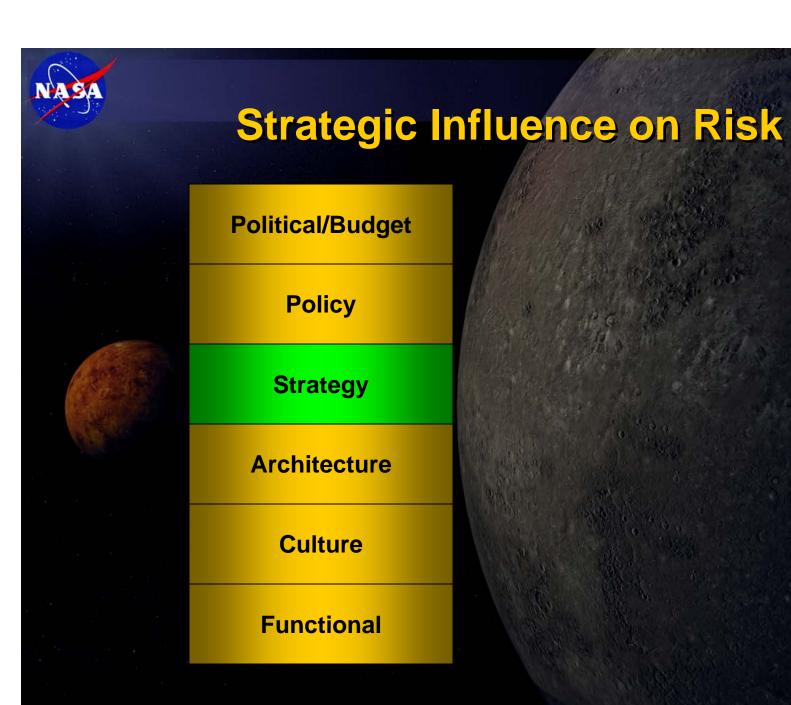














Architectural Influence on Risk

Political/Budget

Policy

Strategy

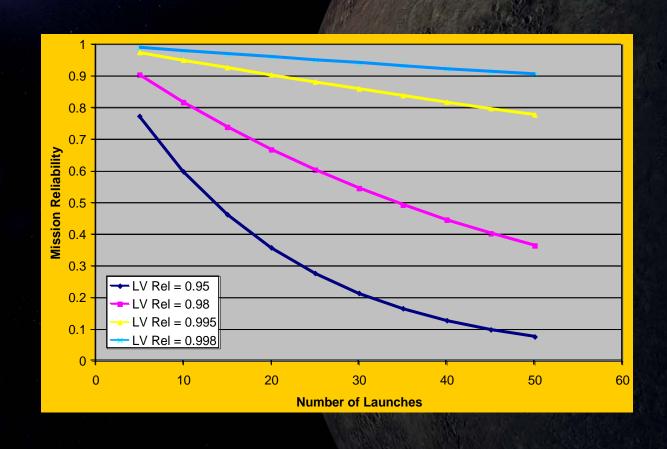
Architecture

Culture

Functional



EELV-centered Architecture





ESAS Architecture







CLV



MLP



CEV

